

ABSTRACT OF THE DISCLOSURE

An optical scanning device includes a scanning optical system  
scans an image surface in a main scanning direction by focusing a  
deflected light beam onto the image surface as a beam spot, the  
5 scanning optical system providing an amount of linearity at an outer  
peripheral end of the image surface. An optical writing unit controls  
ON/OFF state of a light source in accordance with an image signal.  
A frequency dividing unit generates a secondary frequency of a pixel  
clock, which is equal to an initial frequency of the pixel clock  
10 divided by an integer. An electrical correction unit adjusts the  
secondary frequency of the pixel clock with respect to each of  
respective pixels included in the image signal, when the beam spot is  
located near the outer peripheral end of the image surface, so as to  
obtain uniform-velocity characteristics.

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